

## **NRCS FIELD OFFICE TECHNICAL GUIDE TECHNICAL REFERENCE MATERIAL**

Technical Reference Materials listed in this index are filed in document boxes located on the middle shelf of the Technical Reference Center (TRC). National Handbooks listed are filed on the bottom shelf of the TRC.

### **I. AGRONOMY REFERENCES**

#### **General**

- ❑ Michigan Field Crop Ecology: Managing Biological Processes for Productivity and Environmental Quality, Michigan State University-Extension Bulletin E-2646, 92pp.
- ❑ National Agronomy Handbook (bottom shelf of TRC)
- ❑ Soybean Management & The Land - A Best Management Practices Handbook for Growers
- ❑ Soybean Management & The Land - Workbook

#### **Crops**

- ❑ SCS Technical Note, Agronomy #4, Identification of Cereal Grains and Grasses Without Seed Heads
- ❑ SCS Technical Note, Agronomy #4a, Identification of Common Legumes
- ❑ SCS Technical Note, Agronomy #4b, Identification of Common Grasses
- ❑ SCS Technical Note, Agronomy #5, Get Top Protein Production in Alfalfa
- ❑ SCS Technical Note, Agronomy #13, Computing Pure Live (Seed PLS)
- ❑ SCS Technical Note, Agronomy #25, Warm Season Grasses
- ❑ Seeding Practices for Michigan Crops, Michigan State University (MSU)-Extension Bulletin E-489

#### **Fertilizer and Lime**

- ❑ Fertilizer Recommendations for Field Crops in Michigan, MSU-Extension Bulletin E-550A
- ❑ Fertilizer Recommendations for Vegetable Crops in Michigan, 1992, MSU-Extension Bulletin E-550B
- ❑ Fertilizing Fruit Crops, 1996, MSU-Extension Bulletin E-852
- ❑ SCS Technical Note, Agronomy #6, Fertilizer and Manure Application on Corn
- ❑ SCS Technical Note, Agronomy #28, Preparing the Crop Nutrient Budget
- ❑ Soil Sampling for No-Till and Conservation Tillage Crops, Meints, V.W., and L.S. Robertson, 1983, MSU-Extension Bulletin E-1616
- ❑ Tri-State Fertilizer Recommendations for Corn, Soys, Wheat, and Alfalfa, 1995, MSU-Extension Bulletin E-2567

#### **Insect and Disease Control**

- ❑ Using Chemigation Safely and Effectively, MSU-Extension Bulletin E-2099

#### **Manure**

- ❑ Manure Management and Capital Investments -Some May Break the Bank, Manure Management: The Hidden Cost of Feeding America, Kellogg Biological Station, Schwab, G., 1993, Hickory Corners, Michigan
- ❑ Manure Management Sheets, Record Keeping System For Crop Production, 1993, MSU-Extension Bulletin E-2344

#### **Mulching**

- ❑ SCS Technical Note, Agronomy #10, Manufactured Mulching Material

### **Soil Management**

- ☐ SCS Technical Note, Agronomy #1, Guidelines for Land Spreading Organic Waste
- ☐ SCS Technical Note, Agronomy #2, Erosion, Runoff, and Revegetation of Denuded Construction Sites
- ☐ SCS Technical Note, Agronomy #3, Disposal of Industrial Waste Water by Irrigation
- ☐ SCS Technical Note, Agronomy #11, Soil Loss Measurement
- ☐ SCS Technical Note, Agronomy #12, Fitting Animal Waste Application to a Farm's Sod and Cropping Pattern
- ☐ SCS Technical Note, Agronomy #26, Muck Soils
- ☐ SCS Technical Note, Agronomy #29, Understanding Soil Organic Matter Changes

### **Tillage**

- ☐ SCS Technical Note, Agronomy #7, Asparagus Field Management Erosion Control
- ☐ SCS Technical Note, Agronomy #8, No-Till Corn and Michigan Soils
- ☐ SCS Technical Note, Agronomy #9, Conservation Benefits of No-Till Farming
- ☐ SCS Technical Note, Agronomy #16, Visual "Benchmark" Reference and Techniques
- ☐ SCS Technical Note, Agronomy #18, Crop Residue
- ☐ SCS Technical Note, Agronomy #21, Ridge-Till Planting
- ☐ SCS Technical Note, Agronomy #22, No-Till on Fine Textured Soils
- ☐ SCS Technical Note, Agronomy #27, Calibration of Seeding Equipment

### **Weed Control**

- ☐ Weed Control Guide for Field Crops, MSU-Extension Bulletin E-434

## **II. BIOLOGY REFERENCES**

### **General**

- ☐ National Biology Handbook (bottom shelf of TRC)

### **Birds**

- ☐ Grassland Birds
- ☐ Northern Bobwhite
- ☐ Ring-necked Pheasant
- ☐ Ruby-Throated Hummingbird
- ☐ Shorebirds
- ☐ Wild Turkey

### **Fish**

- ☐ Ponds - Planning, Design, Construction #590
- ☐ Rainbow Trout

### **Habitat**

- ☐ Biology Information Sheets 1-17
- ☐ Managing Michigan's Wildlife: A Landowner's Guide, MUCC
- ☐ Michigan Technical Notes - Biology 1-15
- ☐ Habitat Management for Amphibians and Reptiles of the Midwest

### **Insects**

- ☐ Butterflies

### **Mammals**

- ☐ Mammals of Michigan
- ☐ Bats
- ☐ American Elk

### **Reptiles and Amphibians**

- ☐ Michigan Frogs, Toads, and Salamanders, MSU Cooperative Extension Service, Harding and Holman
- ☐ Michigan Snakes, MSU Cooperative Extension Service, Holman, Harding, Hensley, Dudderar
- ☐ Michigan Turtles and Lizards, MSU Cooperative Extension Service, Harding and Holman

### **Threatened and Endangered**

- ☐ Endangered and Threatened Plants of Michigan's Upper Peninsula

## **III. ENGINEERING REFERENCES**

### **General**

- ☐ Agrichemical Containment Facility Sealants Reference Information
- ☐ Agricultural Waste Management Field Handbook (NEH Part 651) (bottom shelf of TRC)
- ☐ Animal Waste Management Systems Planning Handbook
- ☐ Chapter 2 "Composting" - Environmental Engineering (NEH Part 637)
- ☐ Construction Checkout Handbook
- ☐ Engineering Field Handbook (NEH Part 650) (bottom shelf of TRC)
- ☐ Engineering Layout, Notes, Staking, and Calculations (Technical Release 62)
- ☐ Manure Characteristics - Manure Management Systems Series, Section 1 (MWPS-18)
- ☐ National Irrigation Guide (NEH Part 652)
- ☐ Stream Corridor Restoration: Principles, Processes, and Practices (NEH Part 653)
- ☐ Storing and Handling Sand-Laden Dairy Manure (MSU-Extension Publication E-2561)
- ☐ Composting on Michigan Farms (MUS Extension E-2715)

## **IV. EROSION CONTROL REFERENCES**

## **V. FORESTRY REFERENCES**

### **General**

- ☐ National Forestry Handbook (bottom shelf of TRC)
- ☐ State-wide Guide for Site Classes For Different Tree Species

### **Forest Pests and Pest Management**

- ☐ Christmas Tree Pest Manual, MSU-Extension Bulletin E-2676
- ☐ Effective Herbicide Use In Christmas Tree Plantations, MSU-Extension Bulletin, NCR-251
- ☐ Pesticides for Use in Christmas Tree Production in the North Central Region, MSU-Extension Bulletin E-2594
- ☐ Pesticides for Use in Forest and Seed Tree Orchards in the North Central Region, MSU-Extension Bulletin E-2592

### **Improvement and Harvest**

- ☐ Crop Tree Management in Eastern Hardwoods, USDA Forest Service, Northeast Area Publication NA-TP-19-93
- ☐ Improving Hardwood Timber Stands, Kidd and Koelling, 12/1991, MSU-Extension Bulletin E-1578
- ☐ NC-32, Jack Pine in the North Central States
- ☐ NC-34, Black Spruce in the North Central United States
- ☐ NC-35, Manager's Handbook for Northern White Cedar in the North Central United States
- ☐ NC-33, Red Pine in the North Central States

- ❑ NC-36, Aspen in the North Central States
- ❑ NC-37, Manager's Handbook for Oaks in the North Central United States
- ❑ NC-38, Manager's Handbook for Black Walnut
- ❑ NC-39, Northern Hardwoods in the North Central States
- ❑ NC-98, Manager's Handbook for Elm, Ash and Cottonwood in the North Central States

## **VI. GRAZING REFERENCES**

### **General**

- ❑ E1570, Fencing for Beef Cattle, 4pp
- ❑ E2185, Improving Pastures in Michigan by Frost Seeding, 4pp.
- ❑ E2284, Forages for Swine, 12pp
- ❑ E2288, Controlled Grazing: Balancing Forages, Livestock, and Management, 6pp
- ❑ E2304, Pasture Calendars for the North Central United States, 4pp
- ❑ E2307, Grasses and Legumes for Intensive Grazing in Michigan, 8pp
- ❑ E2706, Safe and Effective Electric Fences, 2pp
- ❑ NCR474, Birdsfoot Trefoil for Grazing and Harvested Forage, 16pp
- ❑ Construction Principles of Perimeter-Electric-High Tensile Fence MSU-Extension
- ❑ Fence Construction for Barbed Wire or Woven Wire Fence, NY NRCS
- ❑ Installation and Operation of Electric Fences, Cow Trainers, and Crowd Gates
- ❑ National Range and Pasture Handbook (bottom shelf of TRC)

## **VII. PLANT MATERIAL REFERENCES**

### **General**

- ❑ Floristic Quality Assessment with Wetland Categories and Examples of Computer Applications for the State of Michigan, Michigan Dept. of Natural Resources
- ❑ Key to the Native Perennial Grasses by SCS-TP-151
- ❑ Michigan Trees, University of Michigan Press by Barnes and Wagner
- ❑ Midwest Wetland Flora Field Guide (USDA) (bottom shelf of TRC)
- ❑ Newcomb's Wildflower Guide, Little, Brown and Co. by Lawrence Newcomb
- ❑ Plants Used by the Great Lakes Ojibwa (James Meeker, Joan Elias, and John Heim)
- ❑ Shrubs of Michigan
- ❑ Vegetating with Native Grasses in Northeast North America
- ❑ Weeds of the Northeast, NCR Extension Publication E-2666

## **VIII. RECREATION REFERENCES**

### **General**

- ❑ Recreation Section of Ready Reference
- ❑ Recreation Technical Notes 1-6

## **IX. OTHER REFERENCES**

### **Conservation Planning**

- ❑ National Planning Procedures Handbook (bottom shelf of TRC)

### **Economic**

- ❑ Dollars and Sense in Conservation, S.V. Ciriacy-Wantrup, USDA, NRCS Publication 95-1, Aug. 1995
- ❑ Michigan Agricultural Statistics, Michigan Agricultural Statistics Service
- ❑ National Economics Handbook (bottom shelf of TRC)

- ❑ Understanding Internal Rate of Return and Net Present Value, USDA, NRCS, Grazing Lands Technology Institute, Aug. 1996

**Water Quality**

- ❑ Developing a Watershed Management Plan for Water Quality - An Inventory Guide, MDEQ, February 2000
- ❑ Save Our Streams Group Taxa Identification Card, Isaac Walton, League of America